

Title (en)

Low odour coating compositions and paints

Title (de)

Beschichtungszusammensetzungen und Farben mit geringem Geruch

Title (fr)

Compositions de revêtement à faible odeur et peintures

Publication

EP 2308934 B1 20130213 (EN)

Application

EP 10171687 A 20100803

Priority

US 27822009 P 20091002

Abstract (en)

[origin: EP2308934A2] This invention provides low odour stable coating compositions, and methods of their production. The stable aqueous coating compositions and paints comprise one or more emulsion-polymerised addition polymer and one or more carboxylesterase enzyme having an ester hydrolysis activity in the composition of less than 0.03 micromole /minute, wherein the aqueous coating composition has a headspace volatile organic compound (VOC) content, as measured by headspace gas chromatography-mass spectrometry (GC-MS) at 33°C, of less than 10 ppm of the one or more organic carboxylester with a normal boiling point of less than 150°C and more than 50 ppm of the one or more mono-alcohol with a formula molecular weight of less than 76.

IPC 8 full level

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CPC (source: EP)

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Cited by

US8911985B2; US9090793B2; WO2012082141A1; US11714361B2

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